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Substitute for Form 1449/A/PTO

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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### Complete if Known

Application Number	09/903,230
Filing Date	July 11, 2001
First Named Inventor	William A. Williams
Group Art Unit	1772
Examiner Name	
Attorney Docket Number	02410-0110 (42353-211537)

Sheet	1	of	2
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## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> <i>(if known)</i>			
[Signature]	1	6,031,042		Lipinski	02/29/00	
[Signature]	2	5,591,803		Sullivan <i>et al.</i>	01/07/97	
[Signature]	3	5,409,971		Woltersberger <i>et al.</i>	04/25/95	
[Signature]	4	5,397,833		Arjunan	03/14/95	
[Signature]	5	5,387,635		Rowland <i>et al.</i>	02/07/95	
[Signature]	6	5,314,943		Steinwand	05/24/94	
[Signature]	7	5,298,571		Statz <i>et al.</i>	03/29/94	
[Signature]	8	5,206,279		Rowland <i>et al.</i>	04/27/93	
[Signature]	9	5,179,165		Harry, Sr.	01/12/93	
[Signature]	10	5,147,757		Kurtz <i>et al.</i>	09/15/92	
[Signature]	11	5,032,462		Kim	07/16/91	
[Signature]	12	5,014,362		Tillotson <i>et al.</i>	05/14/91	
[Signature]	13	4,997,720		Bourbonais <i>et al.</i>	03/05/91	
[Signature]	14	4,948,834		Baker <i>et al.</i>	08/14/90	
[Signature]	15	4,888,367		Quigley <i>et al.</i>	12/19/89	
[Signature]	16	4,851,463		Opsahl <i>et al.</i>	07/25/89	
[Signature]	17	4,307,204		Vidal	12/22/81	
[Signature]	18	4,055,530		Poppe <i>et al.</i>	10/25/77	
[Signature]	19	3,994,848		Dunlop <i>et al.</i>	11/30/76	
[Signature]	20	3,264,272		Rees	08/02/66	

## FOREIGN PATENT DOCUMENTS

[illegible]

**Examiner  
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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<b>Filing Date</b>	<b>July 11, 2001</b>
<b>First Named Inventor</b>	<b>William A. Williams</b>
<b>Group Art Unit</b>	<b>1772</b>
<b>Examiner Name</b>	
<b>Attorney Docket Number</b>	<b>02410-0110 (42353-211537)</b>

Sheet	2	of	2
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## OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published

 $T^2$ 

1	Neena K. Tierney and Richard A. Register, <i>Ion-Hopping Kinetics in Manganese-Neutralized Ethylene-Methacrylic Acid Ionomer Melts via ESR Spectroscopy</i> , Polymeric Materials Science and Engineering, Vol. 78, 1998, American Chemical Society, pp. 200-201
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2 Carl J. Serman, Paul C. Painter and Michael M. Coleman, *FTIR Studies of Ethylene-co-Methacrylic Acid/Poly(Vinyl Methyl Ether) Blends Containing Zinc Ions*, Polymer Preprints, Vol. 29, No. 1, June 1988, American Chemical Society, pp. 315-316

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				Application Number	09/903,230
				Filing Date	July 11, 2001
				First Named Inventor	WILLIAM A. WILLIAMS, et al.
				Group Art Unit	1772
				Examiner Name	Not yet assigned
				Attorney Docket Number	02410-0110 (42353-211537)
Sheet	1	of	1		

[illegible][illegible]

Examiner Signature	<i>Walter M. Hart</i>	Date Considered	10-02
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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.